POM

Delrin® 100T Black

DuPont (now Celanese)

Position #116 • Jinsutong Reference Catalog 2026

Resin Overview

POM · Toughened, Black. Sourced from public manufacturer technical data sheets.

This Grade

Manufacturer	DuPont (now Celanese)
Category	POM · Toughened, Black
Typical Use	Toughened black POM for automotive

Key Properties

Density	1.42 g/cm³
MVR (190°C/2.16 kg)	12 cm³/10min
Tensile Strength at Yield	65 MPa
Tensile Modulus	2800 MPa
Elongation at Break	40%
Notched Izod Impact (23°C)	15 kJ/m²
HDT (1.8 MPa)	100 °C
Color	Black

Key Features

- Toughened for high impact
- Black pre-compounded
- Good for snap-fit automotive
- DuPont quality

Processing Conditions

Melt Temperature	200-220 °C

Mold Temperature	80-100 °C
Drying	2 h @ 80 °C
Processing Methods	Injection molding

Typical Applications

- Snap-fit automotive parts
- Toughened housings
- Industrial clips
- Premium black parts

Regulatory & Compliance

- RoHS compliant
- REACH registered

> ⚠ All data sourced from public manufacturer catalogs.

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